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HERCULES
CONCRETE MACHINERY

NOTICE

This catalog MUST be returned to its proper place in the file immediately.

A duplicate of this Catalog, bearing the same number, is on file in the Seattle Office. When referring to anything contained in this Catalog by letter or cable this number 5040 should be mentioned

NORTHWEST TRADING COMPANY, Limited.

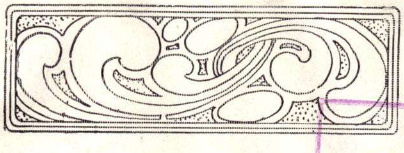
Date MAR 7 - 1918

CENTURY CEMENT MACHINE CO.
ROCHESTER, N.Y.-U.S.A.

Established 1903

HERCULES

CONCRETE BLOCK MACHINES



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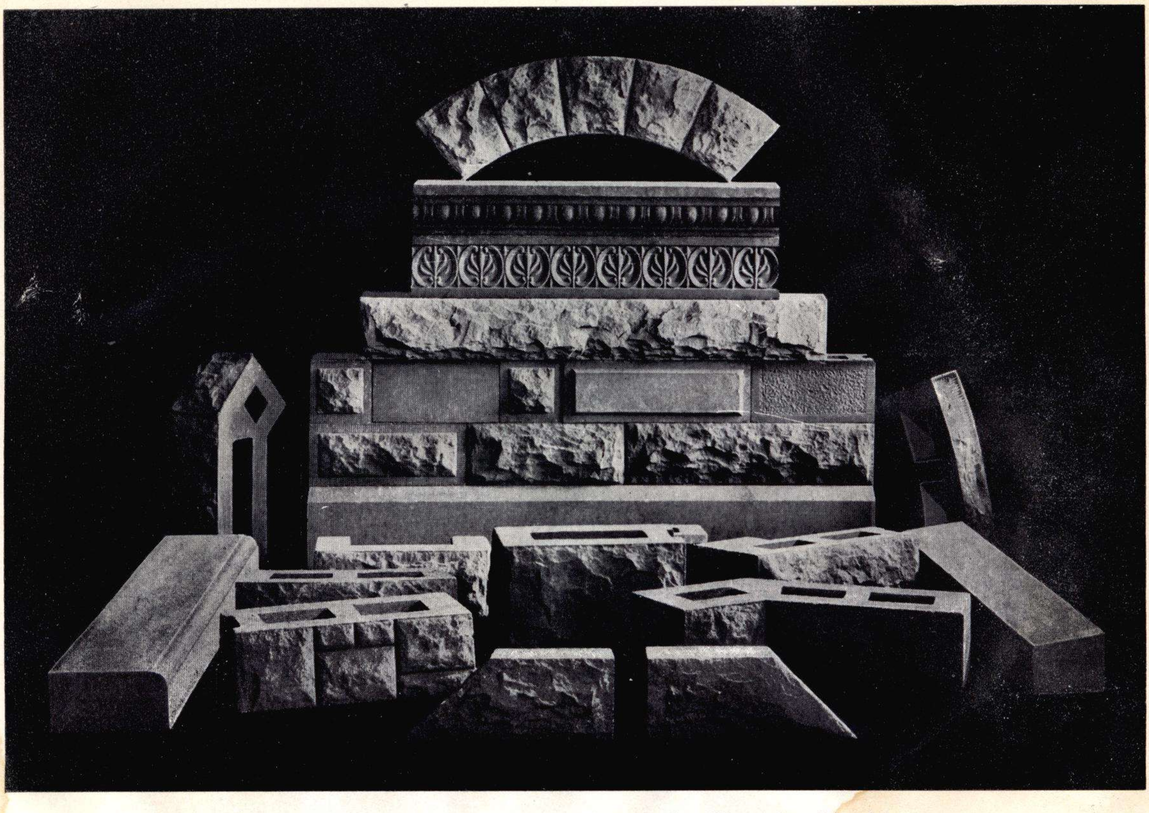
ROCHESTER, NEW YORK, U. S. A.

Cable address "HERCULES" Rochester, N. Y.
Western Union Code



Taken Direct from Stone made on the Hercules Machine

INTRODUCTORY

WE HAVE been making and marketing Hercules Concrete Block machines for over nine years. During that time Hercules machines have found their way into all parts of the civilized world, and the very name "Hercules," as applied to concrete working machinery, has become world-famous.

Hercules machines stand in a class by themselves. They represent the only unlimited machines made. They enable operators to start in a small way and gradually add to their equipment without being compelled to be continually buying new machines. The essence of success in block manufacture is variety. We offer you the largest and most complete assortment of designs and sizes in the world.

Hercules machines are strong, simple in construction, easy to operate. They cannot get out of order. Hercules machines are built in our own factory by skilled workmen. We offer them to you as capable of giving the highest results. They have the reputation of years back of them, and what they have done for others they can surely do for you.

This catalogue describes briefly the latest Hercules machines and their product. If on any point it is not clear, we shall appreciate the opportunity of making it plain by correspondence, or otherwise.

CENTURY CEMENT MACHINE CO.

Hercules Concrete Stone Machines

In offering for your consideration our line of Hercules machines, we do so with the positive knowledge of their ability to produce concrete stone as it should be made.

Hercules stone machines are not experiments. They have been used for years, and have proven a success from the start.

All our machines are what are termed **"face down"** machines, which means that the face or impression plate forms the bottom of the mould. This is a most important point as it allows for the use of a special fine mixture for the face of the stone, which tends to enhance the appearance, while the direct tamping brings out a sharp, clean cut reproduction of the design.

In the construction of our machines all intricate mechanism has been eliminated. They are entirely *free from chains, springs, cogs, etc.*, all of which tend to weaken a machine and annoy the operator. Stone is made with less exertion on Hercules machines, owing to the fact that the whole machine sets very low, the bottom of the mould being but twelve inches from the ground. *This makes tamping easy and facilitates the removal of the finished stone.*

Hercules machines are constructed entirely of iron and steel, which gives them strength and durability. Each and every part is carefully and accurately machined to insure a perfect fit.

These machines are so arranged that either wood or iron pallets can be used. We advise wooden pallets because they are lighter and cheaper.

Hercules Stone Machines are made in three sizes, designated as the **"Hercules Regular,"** the **"Hercules Special"** and the **"Hercules Junior."** (See next page.)

"Hercules Regular" machines are designed to allow for the making of all sizes of stone from 3 inches to 6 feet long, 4 inches to 16 inches high, and 4 to 20 inches wide, **a range of sizes impossible to produce on any other make of machine.** Changes from one size to another are easily and quickly made, as the L arms or uprights are movable to any position on the frame. Furthermore, if you need anything special, we are in a position to supply you.

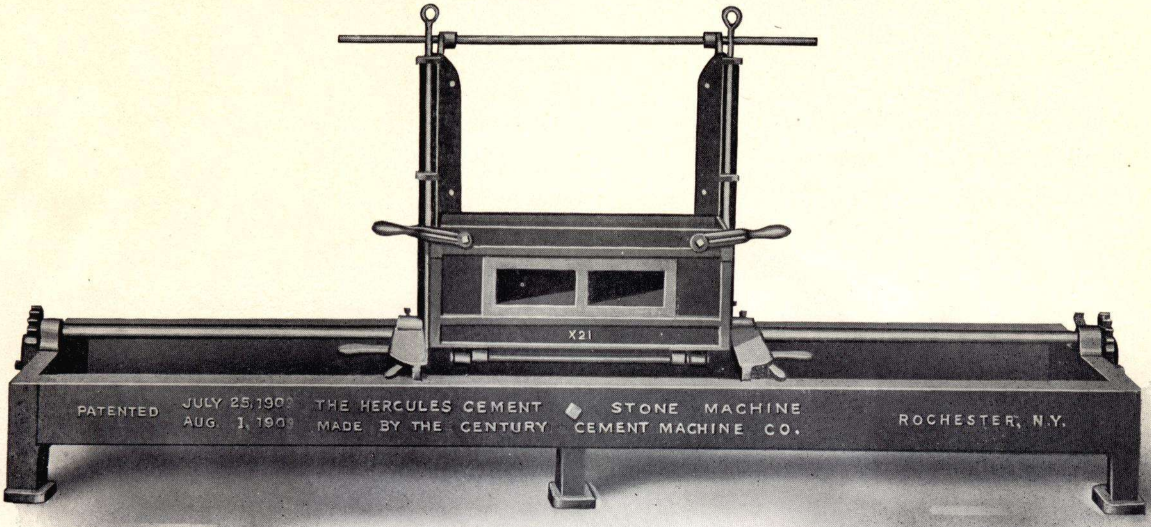
The **"Regular"** machine can be so equipped as to make it **a double machine,** thus placing you in a position to manufacture **two stones** on the **one machine** at the same time. (See page 6).

"Hercules Special" machines are exact reproductions of the Regular machine except in the matter of length. Every attachment is identical; the same high class of stone can be produced. Stone can be made ranging from 3 inches to 32 inches long, 4 inches to 16 inches high, and from 4 inches to 20 inches wide. This machine was designed for use in portable plants and for those not requiring stone longer than 32 inches.

"Hercules Junior" machines are built along the same lines as our larger machines. They are designed particularly for producing blocks in 16-inch lengths. These machines are very rapid in the matter of production and can be operated by one man if desired.

The price of all Hercules Machines is regulated according to the parts that accompany each machine. The machine itself is the foundation, the plates for forming the stone is the outfit, and the price depends upon the outfit or equipment that is included with the machine. This places you in a position to *select your machine or foundation with the exact outfit you require.* If you decide on a small, inexpensive outfit at the start, you can add additional plates at any time at a very small expense. This method of selling we know will appeal to you for the reason that it does not compel you to purchase a new machine or foundation every time you wish to make a different length of stone, **which you are compelled to do if you install any other machine.**

Hercules Concrete Stone Machines


X21
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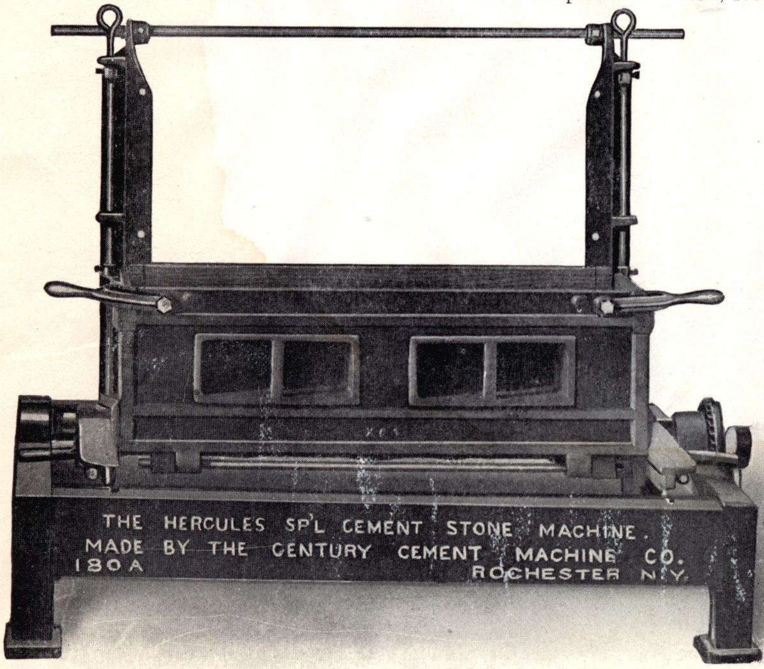
AUG. 1, 190
THE HERCULES CEMENT STONE MACHINE
MADE BY THE CENTURY CEMENT MACHINE CO.
ROCHESTER, N.Y.

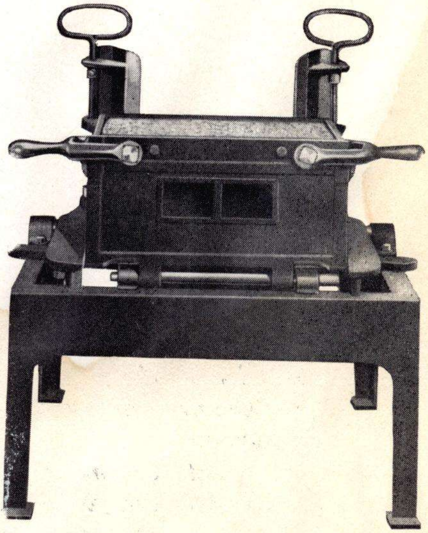
"Hercules Regular" machine to which parts can be added for making stone up to 6 feet long

For above machine with two pairs arms attached, see page 6.
For above machine with water table and lintel plates attached, see page 7.


THE HERCULES SP'L CEMENT STONE MACHINE.
MADE BY THE CENTURY CEMENT MACHINE CO.
180A
ROCHESTER N.Y.

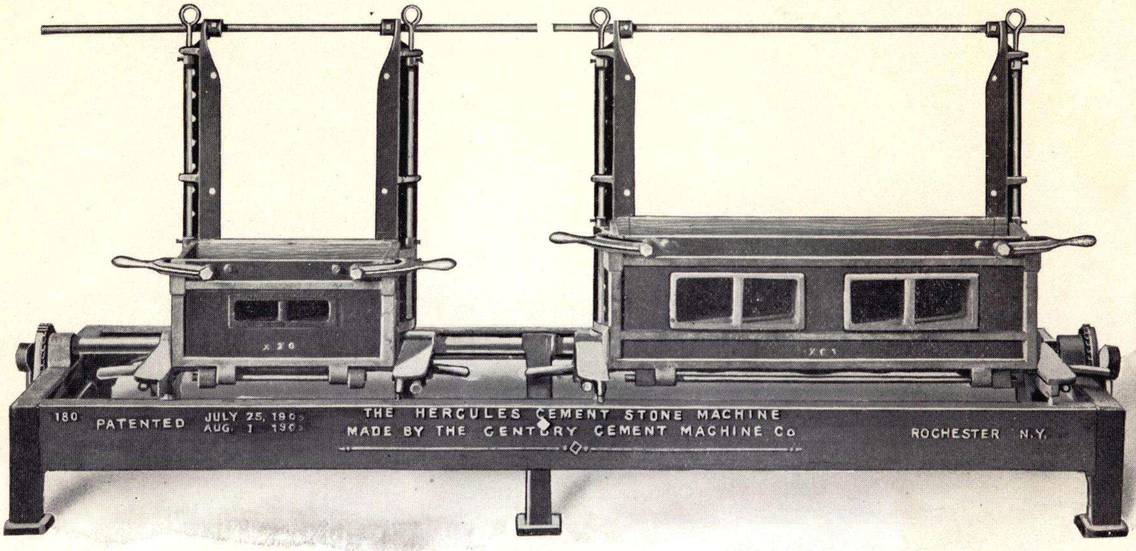
"Hercules Special" machine to which parts can be added for making stone up to 32 inches long

The L arms or Uprights are movable to any position on the frame



"Hercules Junior" machine makes stone in 16 inch lengths

Hercules Regular made into Two Machines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THE HERCULES CEMENT STONE MACHINE
MADE BY THE CENTURY CEMENT MACHINE Co
ROCHESTER N.Y.

You can double your capacity at any time by adding an extra pair of L arms or Uprights

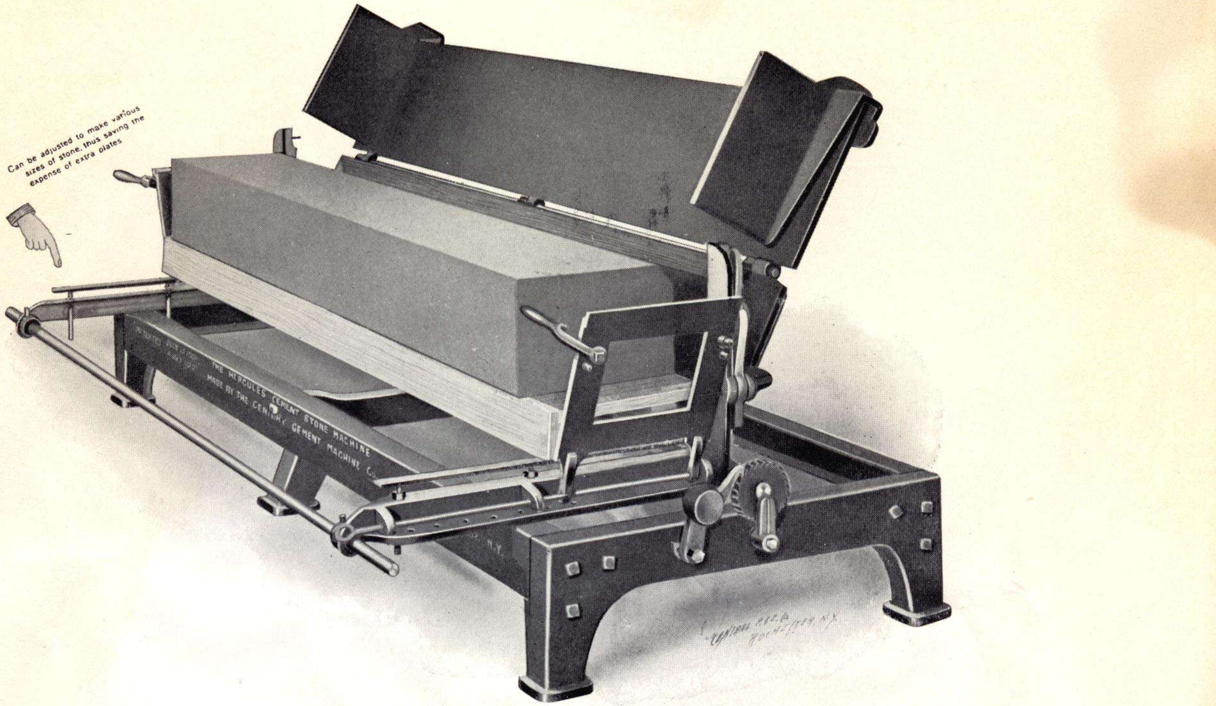
This illustration shows the same machine or foundation as on page 5, but with **two** moulds attached, thus making it a **double** machine.

Operating Double Arms

The "Hercules Regular" is so constructed as to allow of its being operated either *single* or *double. This is a most important feature.* In order to manufacture *two* **stones** *of the same or different sizes or designs on the one machine at one time,* all that is necessary is to add an extra pair of L arms. In operating double arms each block is made entirely independent of the other. *This doubles your capacity without necessitating the purchase of an additional machine and is a point not covered by any other make,* but is a most valuable one for conservative buyers to consider.

Prospective operators desiring to start in a small way can do so by installing the **"Regular"** machine, page 5, equipped with *one pair of L arms* for turning out one block at a time, increasing their output gradually according to the demand. An extra pair of L arms can be added at any time for $22.50. In this way you really obtain a second machine at a very small added expense. You can in this way produce on one "Hercules Regular" machine at the same time two blocks 20″, 24″ or 32″ long or **four** 16″ blocks at one time, the added cost of labor being only one extra man to tamp. No matter how you figure it— **"Hercules" machines offer block makers more for the money invested than any machine ever built.** They go further, do more and do it better simply because they are constructed along the proper lines. They grow with your business. They place you in a position to supply what is wanted when it's wanted. They gain for you the reputation of operating an up-to-date plant. They secure for you the lasting trade of architects, engineers and big contractors who require sizes and designs of stone impossible to produce on small limited machines. They place you beyond the competition of the small block maker whose equipment is limited to a few sizes and designs. They enable you to secure the big contracts—the kind that pay.

When you install a Hercules machine you can buy what you require to start with. The investment is a small one. If you feel that the demand will be for a block 16″ long, buy only these parts. If later on you have a call for blocks 20″, 24″ or 32″ long, or if you want to turn out water tables, sills or lintels, get whatever plates you need, adjust your L arms, and produce the stone. In this way you are prepared


Can be adjusted to make various sizes of stone, thus saving the expense of extra plates
THE HERCULES CEMENT STONE MACHINE
MADE BY THE CENTURY CEMENT MACHINE Co.

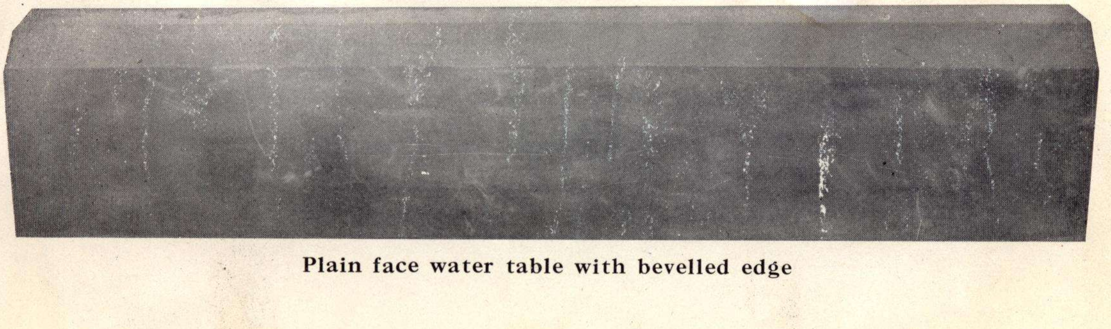
"Hercules Regular" machine with parts for making water table, sills and lintels attached
The only machine made that produces dimension stone in addition to building blocks

to overcome any competition that may exist and you do it all on **one** machine. Think what a saving this means: only one machine to buy; only one machine to operate. Is it any wonder Hercules machines have been in universal demand for over nine years and hundreds of block-makers are discarding their little one block machines and replacing them with the Hercules?

Illustration above shows the **"Hercules Regular"** Machine, shown on page 5, with the plain face water table, sill and lintel plates attached. These plates are iron, perfectly machined, so that the face is smooth as glass. This set of plates can be added to any **"Hercules Regular"** machine or foundation at any time.

With these plates a large and varied assortment can be made, up to 6 feet long, 10 inches high and 12 inches wide, or as much smaller as desired. Simple adjustments allow for making different sizes. The length can be reduced by merely setting the end plates at the required distance. The height is reduced by using the water table adjustments (see cut above). By raising these adjusters the pallet is forced forward sufficiently to make any height desired. One size pallet only is required.

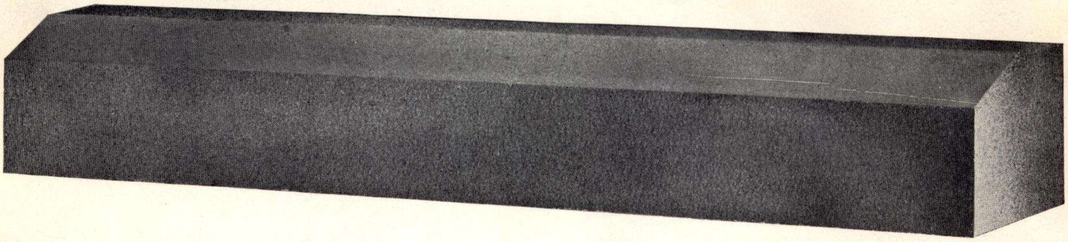
The Hercules is the only machine fulfilling these requirements.



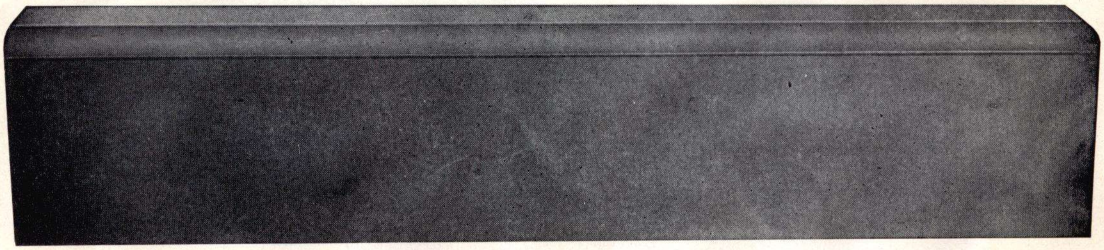
Plain face water table with bevelled edge

Water Tables, Sills, Lintels and Coping

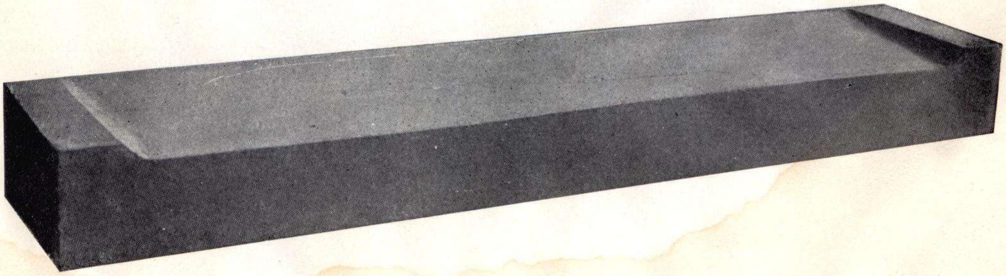
Below will be found illustrations showing a variety of ornamental features that can be easily developed by the use of the Water Table plates as used with the **"Hercules Regular"** Machine.



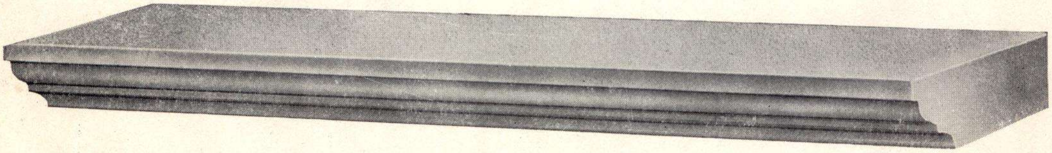
Above illustration shows plain Water Table with small 45-degree bevel made by using a strip of wood cut to the proper angle and inserted in the bottom of mould. In preparing these strips for use, it is advisable to have them as free from knots or imperfections as possible. A coating of shellac will prevent the raising of the grain and give it a perfectly smooth appearance. We advise this method owing to its being inexpensive.



Above illustration shows plain Water Table with rounded edge—made in same manner as above described.

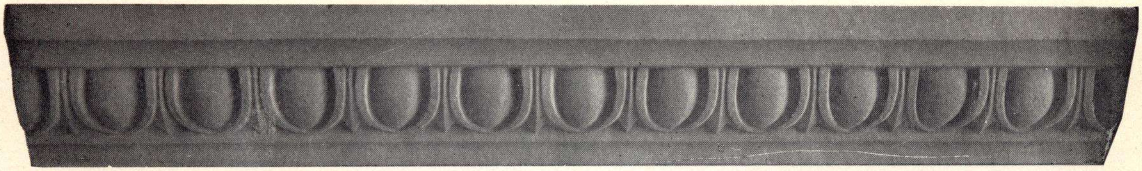


Above illustration shows a Lug Sill made by placing a wooden strip cut to proper length and pitch and placed against upright or swing door.

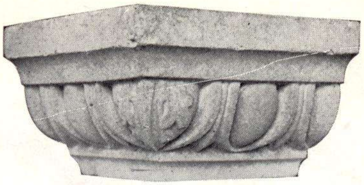


Above illustration shows Moulding formed by use of wooden strip of which a variety of designs can be found in any up-to-date lumber yard.

Coping

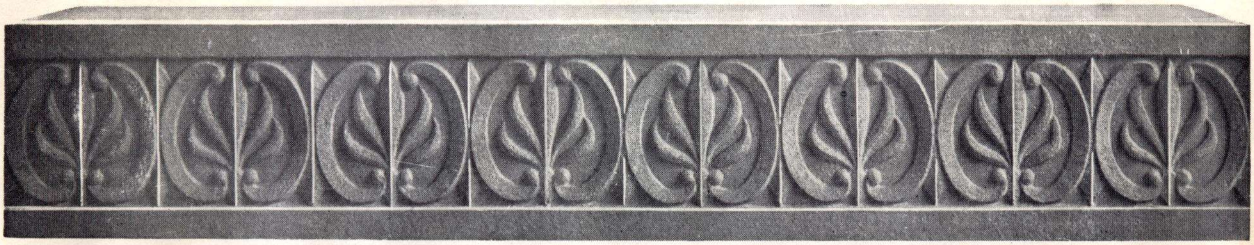


Ornamental Egg and Dart Coping Design No. 96. Size 7 inches high x 4 feet long x 11 inches wide
Made by using Egg and Dart Mould No. 96, Face Plate No. 94, Swinging Plate No. 95, 2 Ends No. 93

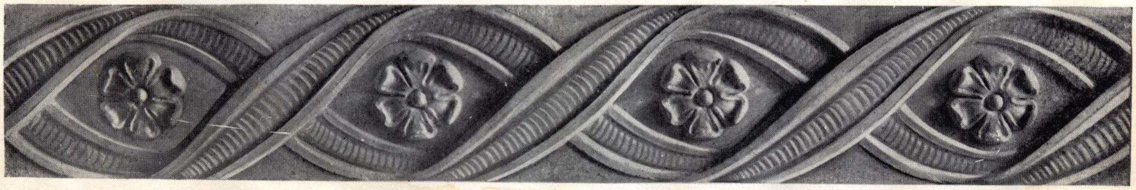


Ornamental Egg and Dart Corner Piece No. 91
Made by using Egg and Dart Moulds, 91L and 91R, Face Plate No. 90, Swinging Plate No. 92, 2 Ends No. 93

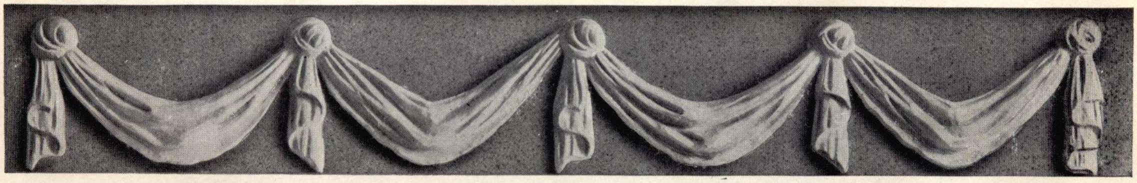
Frieze



Fancy Frieze Design No. 97. Size 8 inches high x 4 feet long
Made by using Frieze Face Plate No. 97, Swinging Plate No. 95 and 2 Reversible Ends No. 577



Fancy Frieze Design No. 231. Size 8 inches high x 4 feet long
Made by using Frieze Face Plate No. 231, Swinging Plate No. 95 and 2 Reversible Ends No. 232

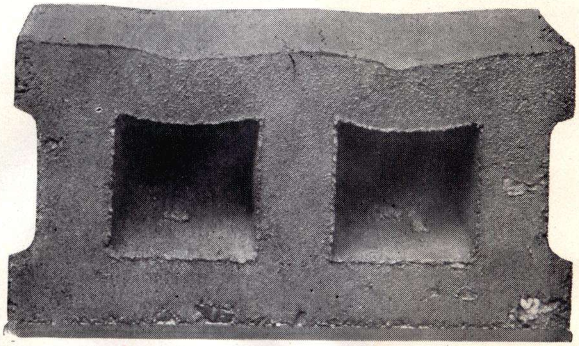


Fancy Frieze Design No. 233. Size 8 inches high x 4 feet long
Made by using Frieze Face Plate No. 233, Swinging Plate No. 95 and 2 Reversible Ends No. 234

Making Blocks of Strength and Durability

In operation the **"Hercules"** works on a principle all its own and strongly protected by patents in the United States and foreign countries. In the first place the machine sets low to the ground *which makes tamping easy* because it allows the operator to stand in an easy, natural position. He works without tiring, at the same time striking a firm hard blow. The face of the mould being on the bottom allows for using a special fine facing mixture (generally two parts fine sand to one part Portland cement) for the face of the block, while a coarse sand and gravel or crushed stone (five or six to one) is used for the back. This coarse backing aggregate can be mixed very **wet,** thus insuring perfect chemical action in the materials when the block is made. This also means a saving in cement. **The use of plenty of water in the mixture is of such importance that our Hercules machines were especially designed to cover this important point.**

The cores for making the air chamber are inserted from the side **but removed from the top.** In other makes of machines they are inserted from the side and **also removed from the side** with the result that the block instantly falls out of shape when core is removed, provided the material is used as wet as it should be. There is no support for the material after removal of the core—consequently it sags instantly, and as a result a comparatively dry mixture must be used, and a **dry mixture means a weaker block.** Illustration herewith shows effect of trying to make a **wet** block on other machines.



Result of using wet mixture in machines where cores are removed from side. Note how it falls out of shape upon removal of cores.

The construction of **Hercules** machines is such that the mould is turned completely over before the core is removed. This leaves the block resting in an upright position (the wall position) on the pallet, leaving no chance for the block to sag or fall out of shape when core is removed and a wet mix used.

Every man experienced in the handling of concrete recognizes the value of using a wet mixture. It is the secret for producing strong durable stone. Many users of our Hercules machines advertise the fact that their blocks are stronger, more durable, and will stand a greater crushing test because they are made with a coarse aggregate mixed with plenty of water.

Of the many types of machines offered for the making of cement blocks but very few of them are so designed as to allow for the use of a **coarse wet** mixture. Purchasers of such machines are therefore handicapped at the very start. They **cannot** make a **real concrete block** simply because their machines are not correctly designed. As a result, they merely produce sand-cement blocks which they endeavor to sell as real concrete blocks, and the result is, disappointment and oftimes failures.

There is always a demand for **good stone—concrete stone,** but this can only be produced by using good materials mixed with plenty of water. When you buy, consider this point carefully and get a machine that will enable you to make a **real concrete block.**

The Necessary Materials and How to Use Them

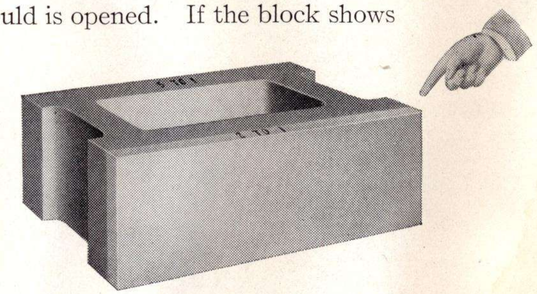
The materials used in the making of concrete stone are sand, gravel or crushed stone and Portland cement, mixed with water.

Sand should be clean and sharp and as free from loam and clay as possible. Gravel or crushed stone can be used in our machines up to *one* inch in size. The use of this coarse material naturally tends to increase the strength of the stone and at the same time lessens the amount of cement required, thus *decreasing* the cost of production.

Cement. Only the best brands of Portland cement should be used, and the amount required depends upon the nature of the aggregates used and the mixture desired. A simple and effective plan is as follows: Provide a bottomless box (two and one-half feet long, two feet wide, twelve inches deep) which will hold five cubic feet. A bag of cement holds one cubic foot. Fill the large bottomless box with sand and gravel and add one bag of Portland cement. This will give you a five to one mixture. In the event of your cement not being in bags make a measure in the form of a wooden box twelve inches square and twelve inches deep which will hold one cubic foot. After the large, bottomless box has been filled, it can be lifted away leaving the materials properly measured ready for thorough mixing dry.

After all the materials have been measured, they should be thoroughly mixed until the mass is of an absolutely uniform color, indicating that the cement has been thoroughly distributed. This done, water is applied and the materials again thoroughly mixed. Do not mix too large a batch at a time. Regulate your batches so that they are consumed in not to exceed thirty minutes. It is rather difficult to specify the exact amount of water to use. Hercules machines allow for the use of a wetter and coarser mixture than *any other make of machine.* Use as much water as you possibly can, watching the block when you trowel or finish off the back. If water rises to the surface it is a sign it is about right. You can also judge by the condition of the block when the mould is opened. If the block shows a slight tendency to get a little out of form, it is a sign your mixture is too wet.

The mixture for facing the stone should be mixed rather dry, separate from the coarse backing material. This is necessary in order to prevent it from adhering to the face plate. Facing improves the appearance and quality of the stone. This is generally mixed two parts fine sand to one part Portland cement.



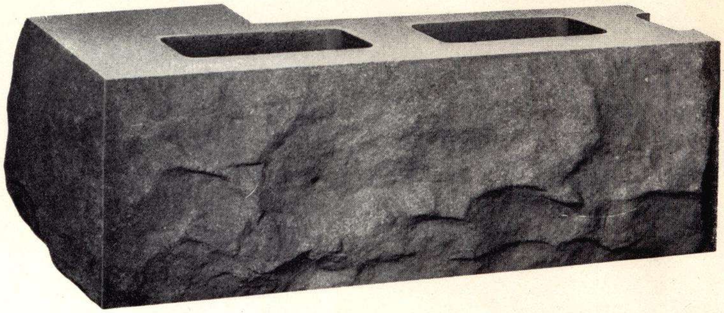
For the proper curing of blocks a suitable place should be provided, one that will afford protection from the sun and dry winds. Blocks should not be removed from under cover until at least seven days have elapsed since the making. In the event of your not having sufficient shelter to protect all the blocks made in seven days, it is advisable to remove a quantity of the older blocks each day to a suitable place, where they should be covered with canvas, straw or some such materials which will hold moisture and protect them from the elements.

In following the latter plan, it is well in placing the blocks in tiers to place pieces of lath between each one, as this protects the stone, and allows for thorough spraying.

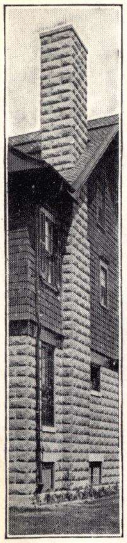
Spraying should be commenced about twelve hours after a block has been made and be continued for from seven to ten days. Spraying should not be neglected. It is well to give this into the hands of one responsible person who will see that it is regularly and thoroughly done. Good stone can only be produced by proper curing. Pallets can be safely removed from the blocks at the end of three days.

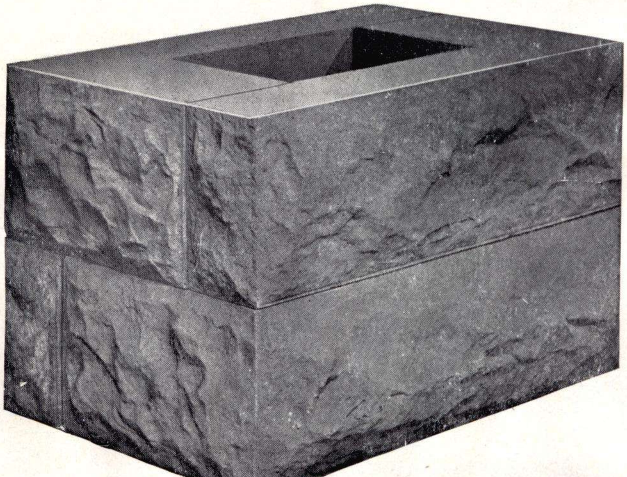
Blocks should never be used in buildings until they are at least from twenty-four to thirty days old. Green blocks placed in a wall are very liable to crack from shrinkage.

Hercules Stone is different—Sells on sight

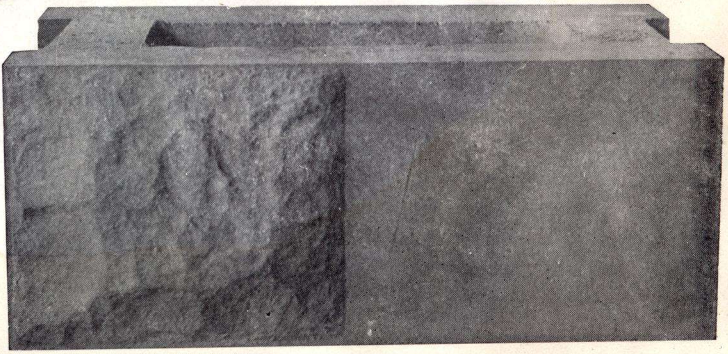


The Appearance and Solidity of many concrete block buildings has been seriously effected, due to the fact that the blocks used did not bond perfectly, or in other words, the joints of the different blocks do not come in their proper position. This serious defect is never found in blocks made on Hercules machines, because every equipment contains the necessary corner plates for making the proper size and style of corner block required. These blocks are made in the shape of an L, thus giving a return that is always one-half the length of the main stone—see illustration. For example, we will suppose you are laying a wall using a block 24 inches long and 8 inches thick. In order to make the wall bond properly you should have a return of 12 inches—when made by means of a special L corner block, as illustrated above, the bond comes perfectly and saves the necessity of using small fractionals, cutting blocks, etc.

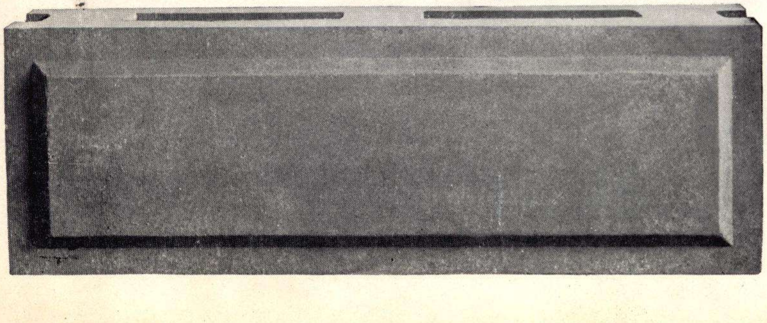




Chimney Blocks can be made in any design with regular face plates, in connection with special chimney swings. Two sizes are carried in stock for chimneys, 16 x 16 and 16 x 24. Size of flue can be regulated to meet requirements. Chimneys made with these plates have alternate vertical joints, making a most handsome appearance, far superior to those with horizontal joints only.



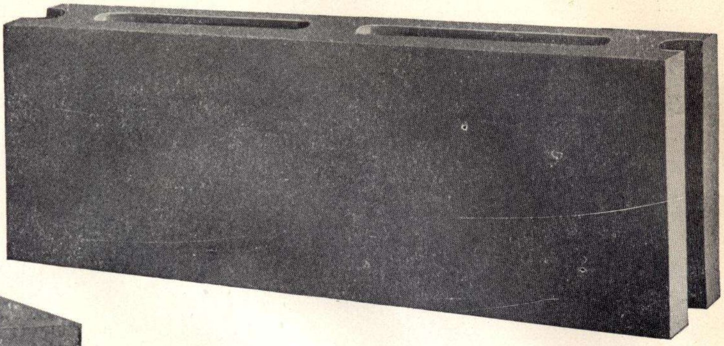
Combination Rock and Plain Face Designs. This type of stone is used for laying up inside square corners, or where a certain portion of the stone has to enter the main wall. We carry parts for the making of "Combination" stone in various sizes and designs.

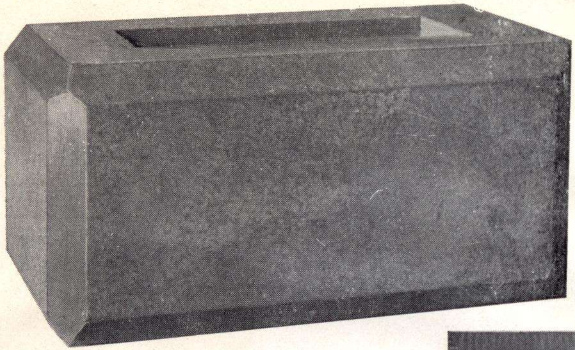


Panel face stone is unusually attractive, especially for trimmings. It is popular for quoins and around windows and doors. This design we carry in all sizes.

Any size, style or design of stone can be made on a Hercules

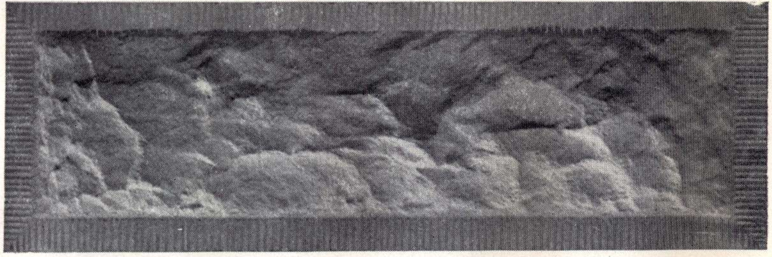
Veneer or Partition Blocks. These can be made in all heights, lengths and designs, and in both 4 and 6-inch thicknesses, hollow or solid as desired.

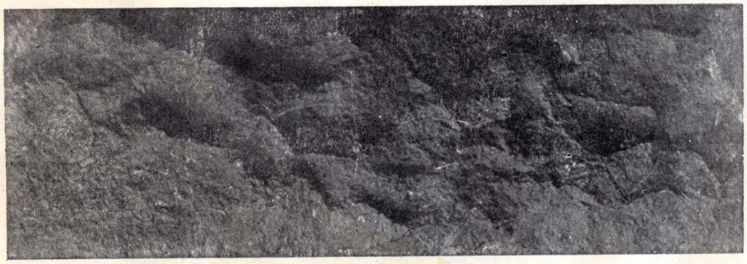




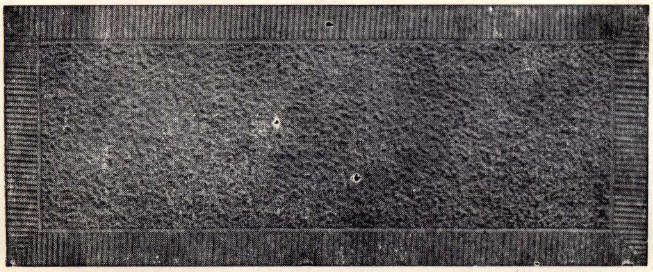
1¼″ Bevel Design. A popular design with many. We supply this design in all lengths. The Bevel Block is used many times for corners of buildings where some other design is used for the main wall.

Rock Tool Margin Design. A fine cut of Rock with a tooled margin, that many prefer. We carry this in all sizes and many different cuts of rock.

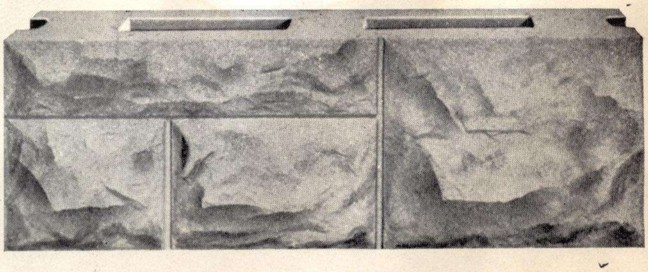




Rock Face Design. A finely cut Rock showing the true texture of Stone. A Rock Design should be included in every equipment, as it is the most popular design made. We carry it in all sizes and have many different cuts of rock.



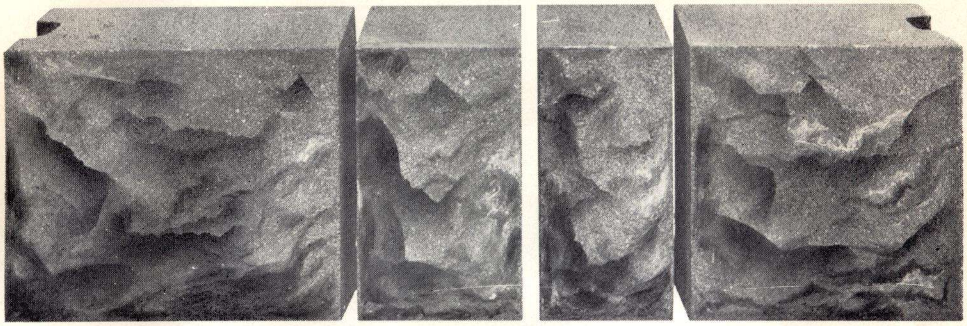
Bush Hammer Design



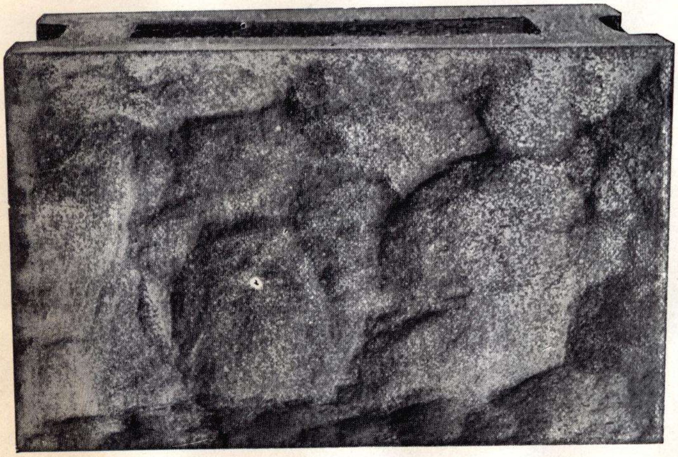
Broken Range Design

Fractional Designs

The necessity for perfectly formed stone of various lengths to properly break joints and fill uneven spaces is often left unprovided for by machine makers. This compels the stone maker to cut and fit pieces. With Hercules machines we always provide plates having divisions to cut stone true and correct in size. The small stone are always multiples of the full size and no cutting is required. All designs are taken care of in the way of fractionals.

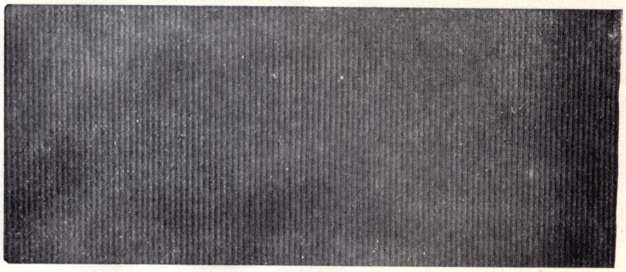


Fractional Design No. 210 for making 4 stones 4″, 5″, 8″, 10″ respectively at one operation



12-Inch High Stone. Stone not produced on any other machine. We carry plates for different designs and lengths any of which can be added to any equipment at any time.

This is a fine design and size for heavy construction.



Tooled Face Design

Plain Face Design

Rock Face Sill Design No. 216. Size 5″ x 4 feet long

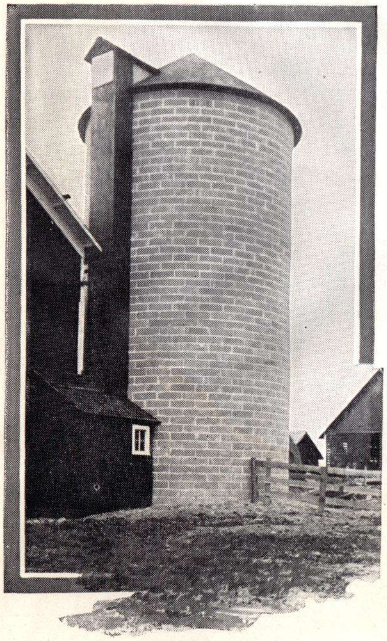
The Price of Hercules Machines

Depends entirely upon the equipment selected

It is our aim to give purchasers just what *they need* at the time of purchase. Parts for the making of such other sizes and designs as may be necessary later on can be obtained from us on short notice. *We carry the stock. You order when needed.* To those entering the block manufacturing business, our motto is "*Start Small and Grow Big.*" You can do it with a **Hercules.** Your original investment is small and you add to your equipment from time to time as you receive orders for certain special sizes of stone. **"Get a Hercules and Grow."**

For the convenience of purchasers of our machines we list on the following pages a number of outfits, any of which can be selected, provided they meet your requirements. These outfits are, however, merely suggestions. In the event that you do not find listed just the outfit you require, write us giving us the sizes and designs you want to make (mention height, width and length) and the machine you require, either **Hercules Regular, Hercules Special** or **Hercules Junior** and *we will gladly quote you.*

Rock Face Silo Equipment No. 25



1 Hercules Junior Machine
1 Rock Face Silo Plate 8 x 16 No. X1142
1 Swing Core Plate 8 x 16 No. X1143
2 Convex Ends 8 x 8 No. X118-1187
1 Rock Face Fractional for 2-8″ Blocks No. X1184
1 Swinging Fractional for above No. X1185
1 Flat Dividing Plate
1 Core for 8 x 8 x 16
1 Sample Pallet
1 Tamper
1 Iron Trowel

Equipment No. 25 is designed especially for making blocks to be used for the construction of circular Silos. With the above equipment you can build Silos any diameter from 10 to 20 feet. Plates are designed to allow recess for proper re-inforcement. This Silo equipment can be attached to any of our machines at any time.

Hercules Outfits

If you don't find listed herein just the Outfit you require—write and tell us your requirements

When Ordering

State plainly the number of outfit wanted.

All outfits listed herein are complete with all parts required for making blocks in sizes given, together with all necessary plates for making fractionals, corner blocks, etc.

Every equipment includes all necessary tools, such as Tampers, Block Handlers, Sample Pallets, Rods, etc.

Immediately on receipt of your order we send you complete list of parts included in your order or we will gladly send such list any time upon request.

Order whatever equipment you need to start with. Other parts can be added from time to time as needed.

Hercules machines expand to meet *every* requirement.

The **Hercules Regular** allows for attaching plates for making stone up to **six** feet long—the **Hercules Special** up to 32 inches long. The Hercules Junior up to 16 inches long.

If you prefer different designs than those specified **name designs wanted**

Outfits or Combinations

Code word

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16

Above Outfit furnished with "Hercules Junior" machine is Outfit No. 27 — Kosed
Above Outfit furnished with "Hercules Special" machine is Outfit No. 28 — Kosestu
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 29 — Koserb

One complete Outfit for making Rock and Plain face blocks 8 x 10 x 16

Above Outfit furnished with "Hercules Junior" machine is Outfit No. 30 — Kosten
Above Outfit furnished with "Hercules Special" machine is Outfit No. 31 — Kosteng
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 32 — Kostengen

One complete Outfit for making Rock and Plain face blocks 8 x 12 x 16

Above Outfit furnished with "Hercules Junior" machine is Outfit No. 33 — Koserben
Above Outfit furnished with "Hercules Special" machine is Outfit No. 34 — Koserbeng
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 35 — Koserbengan

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16 and 8 x 10 x 16

Above Outfit furnished with "Hercules Junior" machine is Outfit No. 36 — Doran
Above Outfit furnished with "Hercules Special" machine is Outfit No. 37 — Dorando
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 60 — Dorandig

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16 and 8 x 12 x 16

Above Outfit furnished with "Hercules Junior" machine is Outfit No. 61 — Doranick
Above Outfit furnished with "Hercules Special" machine is Outfit No. 62 — Doranican
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 63 — Doranagig

One complete Outfit for making Rock and Plain face blocks 8 x 10 x 16 and 8 x 12 x 16

Above Outfit furnished with "Hercules Junior" machine is Outfit No. 64 — Dorben
Above Outfit furnished with "Hercules Special" machine is Outfit No. 65 — Dordix
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 66 — Dordigan

Outfits or Combinations—Continued

Code word

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 10 x 16 and 8 x 12 x 16
Above Outfit furnished with "Hercules Junior" machine is Outfit No. 67 — Ford
Above Outfit furnished with "Hercules Special" machine is Outfit No. 68 — Fordix
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 69 — Fordham

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 70 — Garma
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 71 — Garmass

One complete Outfit for making Rock and Plain face blocks 8 x 10 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 72 — Garden
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 73 — Gardig

One complete Outfit for making Rock and Plain face blocks 8 x 12 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 74 — Garmand
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 75 — Garmanix

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 20 and 8 x 10 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 76 — Granada
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 77 — Granfrau

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 20 and 8 x 12 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 78 — Grandmass
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 79 — Granson

One complete Outfit for making Rock and Plain face blocks 8 x 10 x 20 and 8 x 12 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 80 — Grandig
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 81 — Granway

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 20, 8 x 10 x 20, 8 x 12 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 82 — Beaux
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 83 — Beaudry

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 84 — Beaumond
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 85 — Beaudend

One complete Outfit for making Rock and Plain face blocks 8 x 10 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 86 — Brig
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 87 — Brigand

One complete Outfit for making Rock and Plain face blocks 8 x 12 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 88 — Brandan
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 89 — Branwick

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 24 and 8 x 10 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 90 — Angard
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 91 — Angadad

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 24 and 8 x 12 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 92 — Anslab
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 93 — Andong

One complete Outfit for making Rock and Plain face blocks, 8 x 10 x 24 and 8 x 12 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 94 — Andova
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 95 — Andovadad

Outfits or Combinations—Continued

Code word

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 24, 8 x 10 x 24, 8 x 12 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 96 — Joban
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 97 — Jobandig

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 8 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 98 — Madand
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 99 — Madagass

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 10 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 100 — Mogang
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 101 — Mogaland

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 12 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 102 — Mokan
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 103 — Mokadad

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 8 x 20, 8 x 10 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 104 — Nabob
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 105 — Naburg

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 10 x 20, 8 x 12 x 20
Above Outfit furnished with "Hercules Special" machine is Outfit No. 106 — Nagadan
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 107 — Nagabard

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 8 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 108 — Mogog
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 109 — Mograss

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 10 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 110 — Mojank
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 111 — Mojandix

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 12 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 112 — Mowbray
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 113 — Mowdean

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 8 x 24, 8 x 12 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 114 — Gomad
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 115 — Gomadad

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 8 x 20, 8 x 8 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 116 — Gabard
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 117 — Gabelden

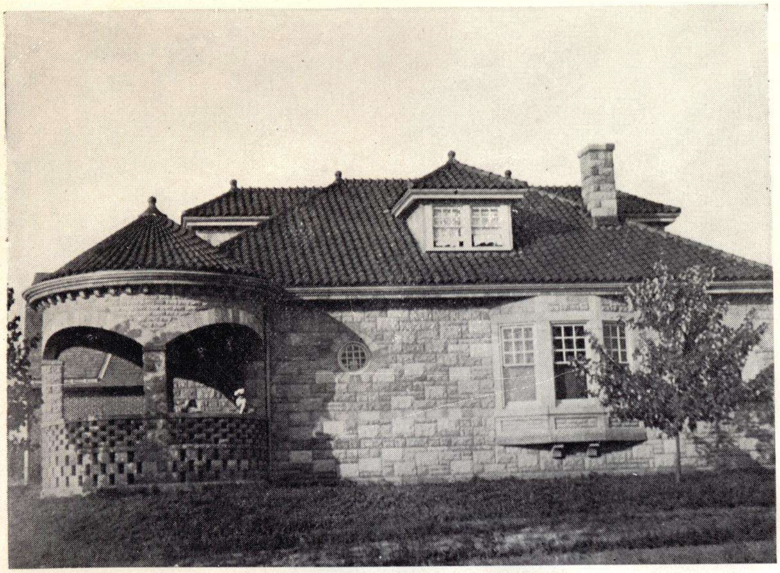
One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 10 x 20, 8 x 12 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 118 — Gudank
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 119 — Gudmass

One complete Outfit for making Rock and Plain face blocks 8 x 8 x 16, 8 x 8 x 20, 8 x 10 x 20, 8 x 12 x 20, 8 x 8 x 24, 8 x 10 x 24, 8 x 12 x 24
Above Outfit furnished with "Hercules Special" machine is Outfit No. 120 — Bengard
Above Outfit furnished with "Hercules Regular" machine is Outfit No. 121 — Benwig

Note:—Different designs will be substituted when desired, also different widths.

Parts for making Water Tables, Sills and Lintels up to 6 feet long; also Ornamental Frieze, Egg and Dart Cornice, etc., can be added to any equipment listed which includes the HERCULES REGULAR or large machine. We can also supply parts for making Water Tables in 24″ lengths if desired.

Hercules Blocks are used for all kinds of construction

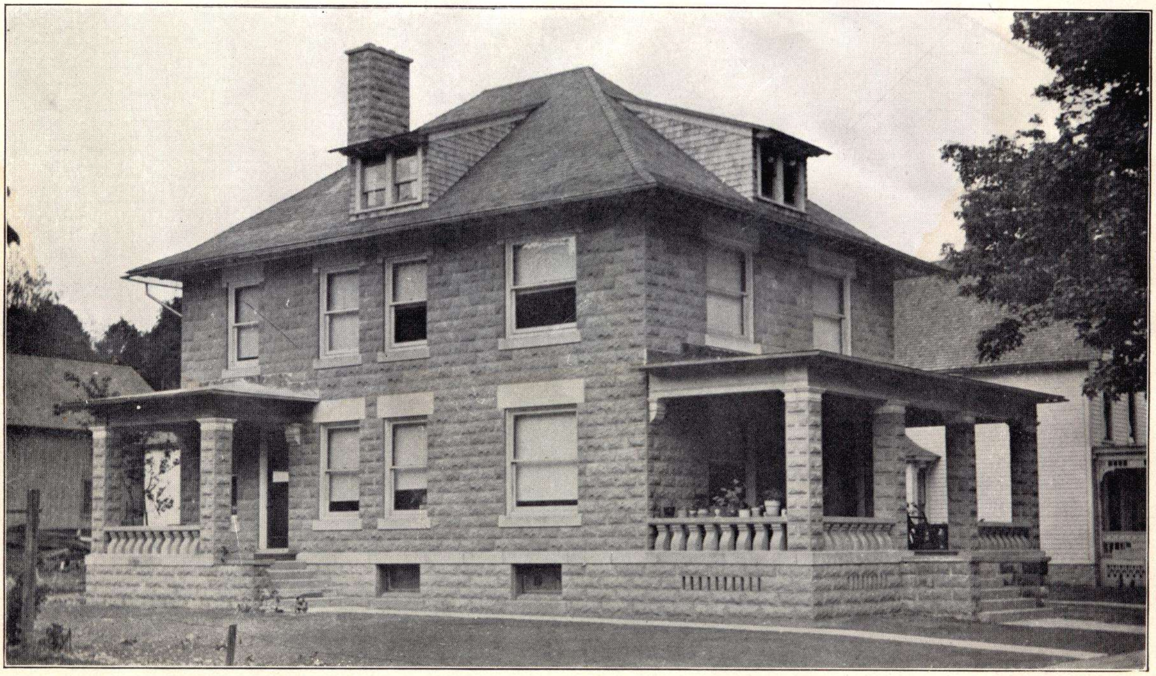


Real Broken Ashlar built with blocks made on Hercules Machines.

Hercules Machines make all heights and lengths as desired.

The great flexibility of Hercules Machines enables users to supply blocks for the finest types of construction.

Any Type of Construction possible with Hercules Machines

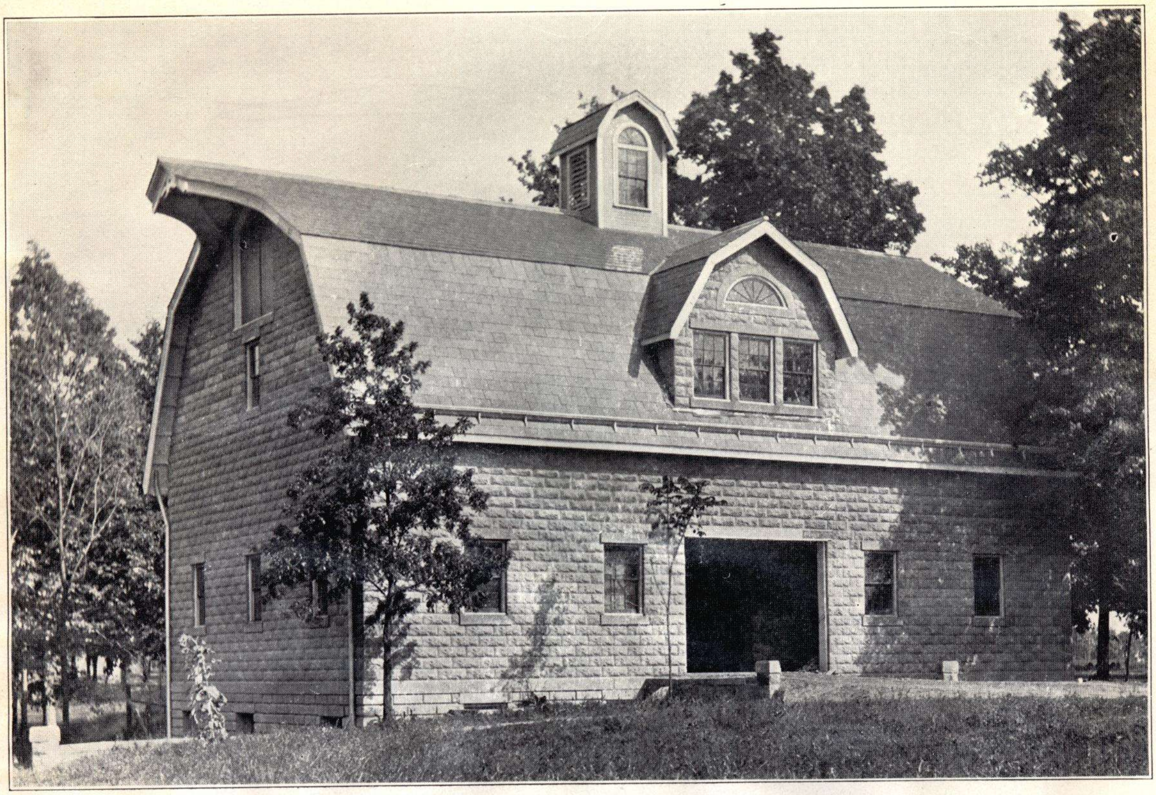


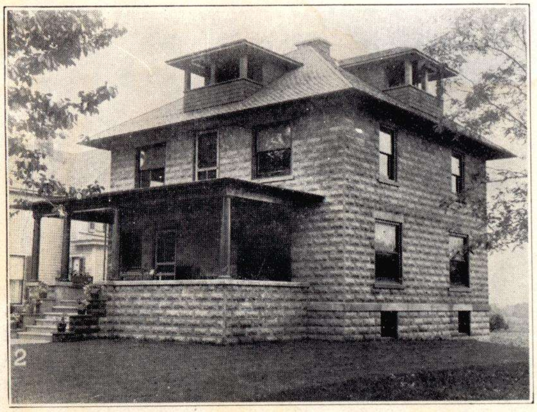
The finest kind of Concrete buildings are built with Hercules Machines

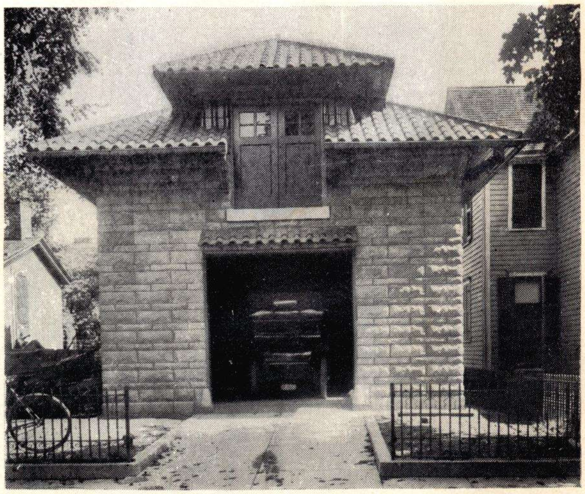
Hercules Machines make blocks that are handsome, strong and durable

1906
COLLEGE ST PIERRE

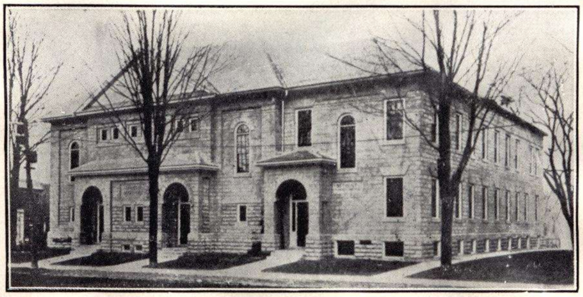
Blocks made on Hercules Machines always command the highest price —*they're better*



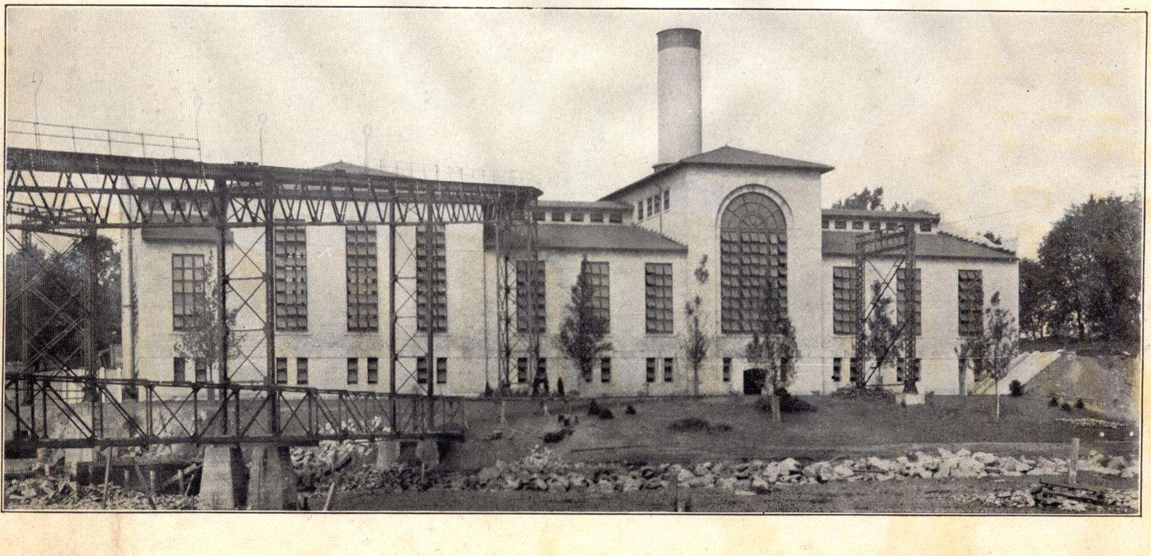




Hercules Blocks made with a coarse aggregate



will stand the highest crushing test



CENTURY CEMENT MACHINE CO.

60 Brown's Race
ROCHESTER, N. Y., U. S. A.
Cable Address "HERCULES"

PRICE LIST NO. 18

When ordering be sure to give *Number* of outfit wanted or order from itemized equipment. All prices are F. O. B. New York City, Boxed for export shipment, and subject to a discount of 2% for cash on delivery in New York. You can add plates for making other sizes and designs to any outfit at any time.

The prices on machines proper and on forms, molds and attachments for making the various sizes and designs of stone are given separately below.

HERCULES REGULAR MACHINE including one pair of L Arms to make stone up to six feet long, not including Forms or Mold Plates.....66.00
Extra pair of L Arms for above machine to make two blocks 32 inches long or under at one time..........
HERCULES SPECIAL for making stone 32" or shorter, not including 27.50
Forms or Mold Plates..........
HERCULES JUNIOR for making stone 16" long only, not including Mold 44.00
Plates..........
Forms or Mold Plates to fit any of the machines for making stone 8" high 22.00
16" long for 8, 10 or 12" thickness of wall, any one style or design of face, including fractional and corner parts for breaking joints..........44.25
Each additional design in 16" stone..........15.75
Each additional thickness of wall required for 16" stone.......... 32.25
Additional Parts added to any equipment for 16" long stone to make stone 20" long in same height and thickness of wall, and same design of face..........
To make stone 24" long as above..........35.50
To make stone 32" long as above..........38.50
Forms or mold plates to fit Regular or Special machine for making stone 41.50
8" high 20" long for 8", 10" or 12" thickness of wall, any one style or design of face, including fractional and corner plates for breaking joints.47.25
Each additional design for 20" stone.......... 16.50
Each additional thickness of wall required for 20" stone 34.00
Additional Parts added to any equipment for 20" long stone, to make stone 16" long in same height and thickness of wall and same design of face..........
To make stone 24" long as above.......... 34.00
To make stone 32" long as above.......... 38.00
Forms or Mold plates to fit Regular or Special machine for making stone 41.50
8" high 24" long for 8" 10" or 12" thickness of wall, any one style or design of face, including fractional or corner plates for breaking joints.50.25
Each additional design for 24" stone.......... ..17.00
Each additional thickness of wall required for 24" stone.......... 36.50
Additional Parts added to any Equipment for 24" long stone, to make stone 16" long, in same height and thickness of wall, and same design of face..........
To make stone 20" long as above..........34.00
To make stone 32" long as above..........35.50
Forms or Mold Plates to fit Regular or Special machine for making stone 41.50
8" high, 32" long for 8, 10 or 12" thickness of wall, any one style or design of face, including fractional or corner plates for breaking joints.52.75

Each additional design for 32″ stone	19.25
Each additional thickness of wall required for 32″ stone	39.00
Additional Parts added to any Equipment for 32″ long stone, to make stone 16″ long, in same height and thickness of wall, and same design of face	34.00
To make stone 20″ long as above	35.50
To make stone 24″ long as above	38.50
Chimney block equipment to be used with any 24″ outfit for chimney 16 x 24 outside measurement with flue 8″ x 8″, 8″ x 12″ or 8″ x 16″ as desired.	13.75
Special Rock face Pier Sets for 12″ x 12″ or 16″ x 16″	19.25
Parts for making water tables 24″ long with 1½″ bevel. for 8, 10 or 12″ thickness of wall (State thickness of wall desired 8″, 10″ or 12″)	
Above 24″ water table if ordered with any 24″ equipment	18.25
Above 24″ water table if ordered with any other equipment	27.00
16″ Rock or plain face Silo equipment	34.75
Silo equipment with any regular 16″ outfit	22.00

The following Extras can be used only with the "Hercules Regular" Machine

Complete Water Table, Sill, and Lintel Set making all lengths up to Six feet	49.50
Rock face water table with regular set, extra	25.00
Complete Ornamental Frieze Design Number 97	30.25
" " " " " 231	40,25
" " " " " 232	40,25
" Egg & Dart Coping Design with Return Corner	44.00

We have plates for making stone ranging from 4 to 12″ in height, and from 4 to 16″ in thickness or width of wall, in the various lengths.

A FEW SAMPLE OUTFITS

OUTFIT NUMBER 4, CATALOGUE NUMBER 18.

Equipment for making Blocks as follows:—

8x8x16 Rock Face
8x8x16 Plain Face
8x10x16 Rock Face
8x10x16 Plain Face

8x8x24 Rock Face
8x8x24 Plain Face
8x8x24 Bevel Face

8x12x24 Rock Face
8x12x24 Plain Face
8x12x24 Bevel Face

Water Tables, Sills, Lintels, Egg & Dart Coping and Fancy Frieze

1 Hercules Regular Machine
1 Extra Pair of L Arms
1 8x16 Rock Face
1 8x16 Plain Face
1 8x24 Rock Face
1 8x24 Plain Face
1 8x24 Bevel Face
1 8x16 Swing Core Plate
1 10x16 " " "
1 8x24 " " "
1 12x24 " " "
2 8x8 Convex End Plates
2 8x10 Convex " "
2 8x12 Convex " "
1 8x8 Rock " "
1 8x12 Rock End Plates
1 8x8 Plain " "
1 8x12 Plain " "
1 8x8 Bevel " "
1 8x12 Bevel " "

1 8x16 Rock Face Fractional
1 8x16 Plain " "
1 8x24 Rock " "
1 8x24 Plain " "
1 8x24Bevel " "
1 8x16 Swing Fractional
1 10x16 " "
1 8x24 " "
1 12x24 " "
2 H Dividers
1 8x16 L. Corner Swing Plate
1 8x24 L. Corner Swing Plate
1 L. Corner Top Piece
1 8x8x16 Core
1 8x10x16 Core
2 8x8x24 Cores
2 8x12x24 "

Water Tables, Sills and Lintels

1 10"x6ft. Plain Face Plate
1 12"x6ft Swing Plate
2 10"x12" End Plates
4 Dividing End Plates for shorter lengths
1 pr adjusters for various heights

Egg and Dart Coping including corner

1 Plain Face Plate
1 Swing Plate
2 Plain End Plates
1 Ornamental Mold
1 Ornamental Corner Face Plate
1 Corner Swing Plate
1 Ornamental Corner Mold Left Hand
1 Ornamental Corner Mold Right Hand

Ornamental Frieze

1 Face Design
1 Swing Plate
2 Ornamental Reversible End Plates

1 16" Rod for swing and Face plate
1 24" Rod for swing and Face plate
1 6ft. Rod for Water Table plates
1 7ft. handle rod
1 3ft. 6" Handle rod
1 Rod for Egg & Dart Coping & Frieze
1 Double End tamper
1 Block Carrier
2 prs Mold plate Lockers
1 Sample Wood Pallet

Approximate Cubic Measurements 28" x 40" x 110"
Approximate Gross Weight 2500 lbs.
Price F. O. B. New York City boxed for export Shipment................$428.50

OUTFIT NUMBER 5, CATALOGUE NUMBER 18.

Hercules Regular Machine and parts for making
8x8x24 Rock Face
8x8x24 Plain Face
8x12x24 Rock Face
8x12x24 Plain Face

Water Tables, Sills and Lintels up to six feet long. Cubic measurements 24" x 40" x 110" Average Gross weight, 1600 pounds.
Price F. O. B. New York City boxed for export..................................$219.25

We are itemizing this outfit below, so that you can readily see how we arrive at the price.

1 Hercules Regular Machine	$66.00
Forms or Mold Plates for making Rock Face Blocks 8" high, 24" long for 8" thickness of wall, including necessary fractionals, etc.	$50.25
Additional parts for making Plain Face Blocks	$17.00
Additional parts for making blocks 12" thickness of wall................................	$36.50
Complete Water Table, Still and Lintel Set making all lengths up to six feet..	$49.50
	$219.25

OUTFIT NUMBER 6, CATALOGUE NUMBER 18

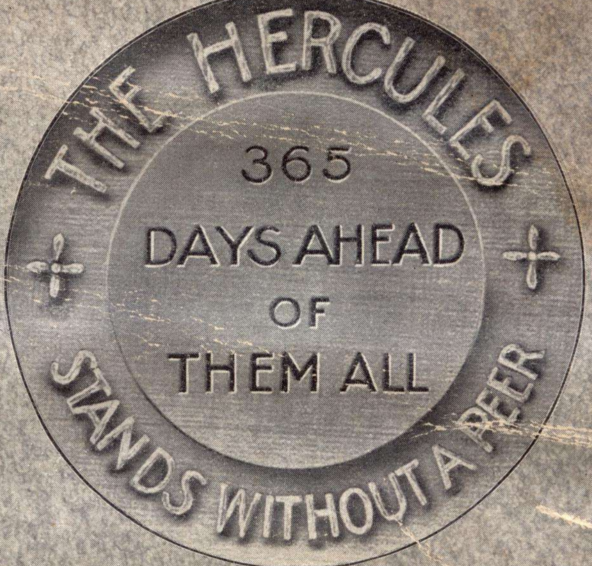
Hercules Special Machine and parts for making
8x8x20 Rock Face
8x8x20 Plain Face
8x10x20 Rock Face
8x10x20 Plain Face

Water Tables and Sills 24" long.
Average gross weight 1000 pounds. Cubic measurements 20" x 34" x 54"
Price F. O. B. New York City boxed for export.................................... $168.75

OUTFIT NUMBER 7, CATALOGUE NUMBER 18

Hercules Junior Machine and parts for making
8x8x16 Rock Face
8x8x16 Plain Face
8x10x16 Rock Face
8x10x16 Plain Face

Cubic measurements 35" x 24" x 33" Average gross weight 500 pounds
Price F. O. B. New York City boxed for export.................................... $114.25


THE HERCULES
365
DAYS AHEAD
OF
THEM ALL
STANDS WITHOUT A PEER